



Operation – Disk grinding on tank turret

Hazards – metals, paint pigments & fillers, heat stress, burns, noise, ergonomic stressors

PPE – leather gloves, coveralls, ear



Operation – Milling Machine (computer operated)

Hazards – noise, metal cutting fluids

PPE – ear plugs, gloves (usually operated remotely)



Operation – Vapor degreasing

Hazards – chlorinated hydrocarbon solvents, noise, ergonomic stressors

PPE – rubber gloves, apron, half face respirator with organic vapor cartridge,







Operation – Diesel/turbine engine testing

Hazards – noise (120+ dB), carbon monoxide, nitrogen oxides

PPE – ear plugs with muffs



Operation – Heavy equipment rebuilding

Hazards – noise, heat stress, ergonomic stressors

PPE – ear plugs, gloves, steel toe boots,



Operation – Recycling Spray Paint Tunnel Booth

Hazards –Organic solvents,
diisocyanates, noise, paint pigments,
heat stress, ergonomic stressors



Operation – Gas metal arc/metal inert gas (MIG) welding with aluminum

Hazards – ozone, oxides of nitrogen, aluminum oxide, UV light, heat injury, intense light, ergonomic stressors, noise

PPE – airline welding helmet, leather



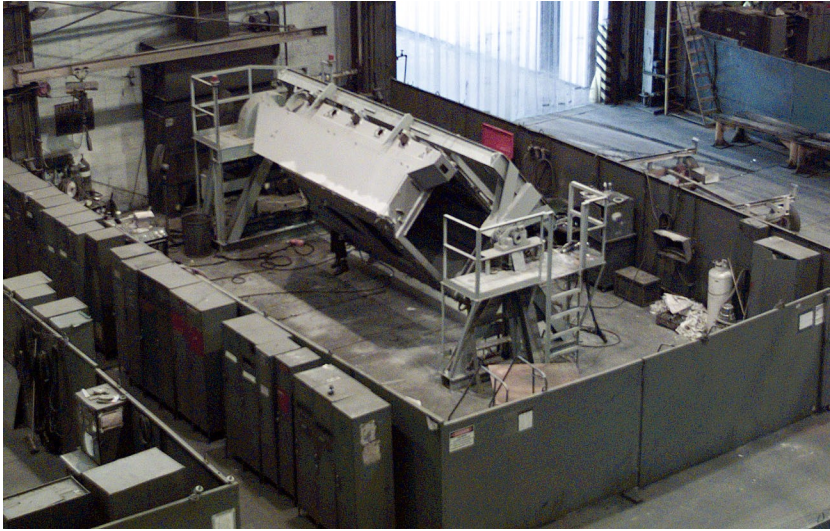


Operation – Tank reassembly

Hazards – Ergonomic stressors & vibration, noise

PPE: Earplugs, coveralls, steel toe safety shoes





Example of an engineering control for ergonomic injuries. This is a rollover stand that rotates the hull of a tank or APC for welding. The welder can weld without having to place his body in an awkward posture.